

# Natural Nucleus Error Messages

## NAT0901-NAT0950

### NAT0901: Length of record to be sorted exceeds 10240 bytes.

Text	Length of record to be sorted exceeds 10240 bytes.
Expl.	The total length of the record to be sorted must not exceed 10240 bytes. Note: The fields written to sort storage are not only those fields specified in the SORT statement, but all database fields and user-defined variables defined before the SORT statement.
Actn.	Ensure that the sort record does not exceed 10240 bytes.

### NAT0902: Generation of format buffer fails. Reason code :1:

Text	Generation of format buffer fails. Reason code :1:
Expl.	During generation of format buffers the following error situation occurred. Reason code description: 4 - The generation buffer overflowed and the the buffer could not be enlarged because there was not enough memory available. Ac.==> Start Natural in a larger thread/partition/region. 8 - The length of the generated format buffer exceeds maximum of 32K. Ac.==> Reduce the number of fields in the format buffer. 12 - At runtime, a format buffer could not be expanded because there was not enough memory available. Ac.==> Start Natural in a larger thread/partition/region.
Actn.	See reason code descriptions.

### NAT0903: Storage overflow at execution time.

Text	Storage overflow at execution time.
Expl.	Storage overflow while creating a loop-table entry.
Actn.	Divide program into segments using 'structured programming' techniques.

### NAT0904: Too many <MOVE ' ' TO variable> in program.

Text	Too many <MOVE ' ' TO variable> in program.
Expl.	The program contains too many <MOVE ' ' TO variable> statements.
Actn.	Replace the statements with <RESET variable>.

### NAT0905: Machine code was not generated.

Text	Machine code was not generated.
Expl.	An error has occurred during generation of machine code. The stowed/cataloged Natural object is executable, but not optimized.
Actn.	Contact Software AG support.

**NAT0906: Natural nucleus does not support Version 1.2 runtime.**

Text	Natural nucleus does not support Version 1.2 runtime.
Expl.	The Natural nucleus was linked without the Version 1.2 runtime system. Only Natural objects cataloged/stowed with Natural Version 2 or above can be executed.
Actn.	Relink Natural nucleus with Version 1.2 runtime system and activate the new copy in your environment.

**NAT0907: Generation of record buffer failed. Reason code :1:.**

Text	Generation of record buffer failed. Reason code :1:.
Expl.	During the generation of a database statement, the following error situation occurred. Reason code description: 4 - For Adabas/VSAM access statements the record buffer size exceeds the maximum of 64K. Ac.==> Reduce the number of record buffer fields. 8 - For DB2/SQL access statements the record buffer size exceeds the maximum of 32K. Ac.==> Reduce the number of record buffer fields.
Actn.	See reason code descriptions.

**NAT0909: Data buffer :1: can't be expanded while NATXCAL is active.**

Text	Data buffer ... can't be expanded while NATXCAL is active.
Expl.	When a subprogram is invoked via the 3GL interface (NATXCAL, NCIXCALL, NCIXCPRM), a data buffer cannot be expanded if one of the data fields residing in this buffer was supplied as a parameter with the CALL statement that has invoked the 3GL program. One of the following data buffers may be affected: AIVDAT - buffer for AIV variables, GLBUSER - buffer for user global variables, GLBSYS - buffer for system global variables, DATSIZE - buffer for local variables.
Actn.	If the buffer indicated is "DATSIZE", start Natural with an increased value for the DATSIZE profile parameter.

**NAT0910: Insufficient core for CALL, SORT, WORK FILE statements.**

Text	Insufficient core for CALL, SORT, WORK FILE statements.
Expl.	The processing of CALL, SORT and WORK FILE statements requires buffers in the partition. The partition does not have enough memory allocated for the storage requirements of the program.
Actn.	Re-submit in larger partition or contact your Natural administrator.

**NAT0916: Return code :1: from :2: user exit :3:.**

Text	The user exit specified in the message returned a non-zero return code that caused Natural to discontinue program execution.
Expl.	The user exit detected a condition that prevented the completion of the operation. The condition has been indicated to Natural by means of a return code. The return code is specific to the user exit. Natural program execution has been terminated.
Actn.	Contact your Natural administrator or the author of the specified user exit.

**NAT0917: Error :1: in :2: :3:.****NAT0918: ESCAPE (TOP) not allowed in ON ERROR or AT block.**

Text	ESCAPE (TOP) not allowed in ON ERROR or AT block.
Expl.	This error may be caused by one of the following: 1. An ESCAPE statement was used to exit from a currently active ON ERROR block. However, an ON ERROR block must be exited with a FETCH, STOP, TERMINATE or RETRY statement. 2. An ESCAPE TOP statement was used within one of the following conditions: - AT BREAK - AT START/END OF DATA
Actn.	Correct error in program.

**NAT0919: Too many parameters in CALL statement.**

Text	Too many parameters in CALL statement.
Actn.	Reduce number of parameters in CALL statement.

**NAT0920: Program :1: cannot be loaded :2:.**

Text	Program ... cannot be loaded ...
Expl.	<p>The specified external program could be neither loaded dynamically nor located statically. See the supplied operating-system/TP-monitor return code of the failing LOAD request for details.</p> <p>Possible reasons:</p> <ul style="list-style-type: none"> <li>- The program to be loaded dynamically is not contained in the load libraries currently defined to Natural.</li> <li>- Under CICS: The program is not defined to CICS.</li> <li>- There was not enough storage available to load the program dynamically (under Com-plete: the Com-plete thread was too small).</li> <li>- The limit for the number of programs to be dynamically loaded was exceeded.</li> <li>- For static programs: The program is not defined in NATPARM with the CSTATIC parameter or not linked to the NATPARM module.</li> </ul>
Actn.	Make sure that the program is contained in a library available to or linked to Natural. Contact your Natural administrator concerning the setting of the Natural profile parameters CDYNAM and CSTATIC.

**NAT0921: Maximum call level reached.**

Text	Maximum call level reached.
Expl.	<p>Natural Version 2 supports calls to Natural objects up to a level of 99, except for CALLNAT/FETCH RETURN/PERFORM, where the limit is 512.</p> <p>Error 921 usually occurs when an object (subroutine, or callnat, ...) calls itself recursively.</p> <p>Please note also that *LEVEL can represent only numbers up to 99.</p>
Actn.	Check program and correct error.

**NAT0922: Buffer pool not active.**

Text	Buffer pool not active.
Expl.	Natural Version 2 requires an active buffer pool manager.
Actn.	Contact your Natural administrator.

**NAT0923: Invalid program call (:1: :2: :3:/:4:/:5:/:6:).**

Text	Invalid program call.
Expl.	A Natural call statement (e.g., CALLNAT, FETCH RETURN) was issued, but the object being called was a map, global data area, or another object.
Actn.	Only issue calls to actual Natural programs or subroutines.

**NAT0924: Command invalid in this context (:1: :2: :3:).**

Text	Command invalid in this context (:1: :2: :3:).
Expl.	The command :1: is invalid for object :3: of type :2:.
Actn.	Consult the documentation and try again.

**NAT0925: GDA does not correspond to using program.**

Text	GDA does not correspond to using program.
Expl.	Each time a program uses a GDA (global data area), Natural checks whether the compilation time of the program is later than the compilation time of the GDA. If it is not, Natural assumes that the GDA may not correspond to the layout generated into the program and produces this error.
Actn.	Recompile program and restart system.

**NAT0926: Only objects of type 'program' can be 'RUN'.**

Text	Only objects of type 'program' can be 'RUN'.
Expl.	A RUN command was issued for a Natural object which is not a source program; or the RUN command was issued without a program name, and the editor work area was not empty and set to a type other than 'PROGRAM'. To test the execution of a subprogram or subroutine, you must catalog/stow this object and write a program that calls this object (with a CALLNAT or PERFORM statement respectively). A map can be tested in the map editor, as can help routines and help maps. GDA, LDA and PDA define data areas and their initialisation values and only become executable when put in the DEFINE DATA statement of a Natural object.
Actn.	Check that the work area contains a program, and that the editor type is set to 'PROGRAM', or that the specified object is a program, or follow the above hints to test objects of other types.

**NAT0927: FETCH RETURN statement rejected by Natural Security.**

Text	FETCH RETURN statement rejected by Natural Security.
Expl.	A program called via a FETCH RETURN statement is security protected and, therefore, cannot be called from another Natural program.
Actn.	Contact your Natural or Natural Security administrator.

**NAT0928: Program can only be executed from a SYS\* library.**

Text	Program can only be executed from a SYS* library.
Expl.	This program is security protected and can only be executed from a SYS* library. (SYSTEM is not treated as a SYS* library.)
Actn.	Log on to the correct library.

**NAT0929: Program cannot be executed in batch mode.**

Text	Program cannot be executed in batch mode.
Expl.	An attempt was made to execute in batch mode a program that contains online functions/features.
Actn.	Execute the program in interactive mode.

**NAT0930: Program cannot be executed online.**

Text	Program cannot be executed online.
Expl.	An attempt was made to execute in interactive mode a program that contains functions/features only available in a batch mode environment.
Actn.	Execute the program in batch mode.

**NAT0931: CMSYNIN job control definition is missing.**

Text	CMSYNIN job control definition is missing.
Expl.	In batch mode execution, the DD statement for the definition of the main command and source input for Natural is missing. No commands can be read.
Actn.	Specify definition for the CMSYNIN file in the job control.

**NAT0932: Program version error.**

Text	Program version error.
Expl.	The executing program has been recataloged by another user between screen I/Os (that is, it is possible that the program has been stowed by a second user while a first user is still using it).
Actn.	Contact your Natural administrator.

**NAT0933: GDA timestamp conflict.**

Text	GDA timestamp conflict.
Expl.	This error occurs if a program references a global data area (GDA) which was recataloged or a GDA that has been moved from another environment after the program has been cataloged. Also the program that references the GDA could have been moved from a different environment into the current one causing a GDA timestamp conflict. If a GDA is cataloged again, all objects which reference the GDA must also be cataloged again.
Actn.	Check the program structure and recatalog if necessary or use the RECAT=ON parameter.

**NAT0934: GDA :1: conflicts with active GDA :2:.**

Text	Global data area conflicts with global variables.
Expl.	A Natural Version 2 program attempted to allocate a global data area within an application where Natural Version 1.2 programs have used global variables which are not defined via a COMMON global data area.
Actn.	Use the CREATE GLOBALS command to define a COMMON global data area with the global variables of the Natural Version 1.2 programs.

**NAT0935: Conflicting number of parameters(:1: :2:/:3:/:4:/:5:).**

Text	Conflicting number of parameters.
Expl.	<ul style="list-style-type: none"> <li>- The number of parameters specified in a CALLNAT/SEND METHOD statement does not match the number of parameters defined in the DEFINE DATA PARAMETER statement of the called module.</li> <li>- The number of parameters specified in an INPUT USING MAP statement does not match the number of parameters generated by the Natural map editor.</li> </ul> <p>Use 'free mode' or include the INPUT USING MAP prototype instruction in your program.</p>
Actn.	Check program and correct error.

**NAT0936: Format/length conflict in parameter :1: (:2: :3:/:4:/:5:/:6:).**

Text	Format/length conflict in parameter ....
Expl.	The parameters specified in a CALLNAT or INPUT USING MAP statement are defined with a format or length different from that of the parameters defined in the called module/map.
Actn.	Check program/map and correct error.

**NAT0937: Conflicting array def.in param.:1: (:2: :3:/:4:/:5:/:6:).**

Text	Conflicting array definition in parameter ....
Expl.	<p>An array or an array range was used as a parameter in a CALLNAT or INPUT USING MAP statement which conflicts with the array definition within the called module/map.</p> <p>The following conditions must be met:</p> <ul style="list-style-type: none"> <li>- The ranks must be equal.</li> <li>- Occurrences of each dimension must be equal.</li> </ul> <p>This error is also generated if a 3GL routine calls a subprogram, and the subprogram's PDA specifies a variable range (1:V). A variable range is allowed only for calls via INTERFACE4.</p>
Actn.	Check program and correct error.

**NAT0938: Prot. param. :1: used as target operand (:2: :3:/:4:/:5:/:6:/).**

Text	Protected parameter ... used as target operand.
Expl.	A parameter specified in a CALLNAT or INPUT USING MAP statement is defined as protected (AD=O). The called module or the called map uses the corresponding parameter as a target operand, but this parameter is protected and no value may be entered for that field.
Actn.	Correct error in program.

**NAT0939: Natural editor is not linked and cannot be loaded.**

Text	Natural editor is not linked and cannot be loaded.
Expl.	The Natural editor modules are not linked and cannot be loaded.
Actn.	Contact your database administrator.

**NAT0940: This terminal command is not supported.**

Text	This terminal command is not supported.
Expl.	Terminal commands for screen paging cannot be used under every TP monitor.
Actn.	Enter a valid command.

**NAT0941: Invalid size for screen-paging system file.**

Text	Invalid size for screen-paging system file.
Expl.	A screen-paging command was entered, but the size of the system file used for screen paging was '0', which means that no screens can be stored.
Actn.	Restart Natural session with valid size for screen-paging system file.

**NAT0942: Invalid use of hardcopy facility.**

Text	Invalid use of hardcopy facility.
Expl.	The Natural hardcopy facility is only available under the TP monitor Com-plete.
Actn.	Enter a valid Natural command.

**NAT0943: Screen paging open function failed.**

Text	Screen paging open function failed.
Actn.	Check the status of the screen-paging system file.

**NAT0944: Screen paging record overflow.**

Text	Screen paging record overflow.
Expl.	An attempt was made to write to the screen-paging system file a record which was larger than the screen page size.
Actn.	Increase the size of the physical terminal buffer.

**NAT0946: Screen paging write failed.**

Text	Screen paging write failed.
Expl.	An error occurred during an attempt to write a screen to the screen-paging system file.
Actn.	Check the status of the screen-paging system file.



**NAT0947: Screen paging read failed.**

Text	Screen paging read failed.
Expl.	An error occurred during an attempt to read a screen from the screen-paging system file.
Actn.	Check the status of the screen-paging system file.